

Muhammad Usama Zuberi

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EDUCATION

NED University of Engineering and Technology

MS in Computer Science and IT

Karachi, Pakistan

Oct. 2023 – Dec. 2025

University of Karachi

BS in Software Engineering

Karachi, Pakistan

Jan. 2017 – Feb. 2021

EXPERIENCE

Hashcore

Sr. Software Engineer (Promoted from Software Engineer)

Karachi, Pakistan

Apr. 2023 – Present

- Leading frontend development for Ethereum and Solana based Web3 protocols using **Next.js** and TypeScript.
- Integrating smart contracts and managing complex state for DeFi platforms including lending and DEX aggregators.
- Engineered high-performance data-fetching layers using **The Graph indexers** (GraphQL) and REST APIs to ensure sub-second UI updates.
- Previously served as **Software Engineer** (Jun 2023 – Oct 2023) and **Frontend Developer** (Apr 2023 – Jun 2023).

8th Loop

Frontend Developer - II (Promoted from Trainee)

Karachi, Pakistan

July 2021 – June 2023

- Advanced to **Frontend Developer II** (Jul 2022) to lead frontend logic for complex client-facing SaaS products.
- Promoted to **Jr. Software Engineer** (Feb 2022) after completing a **Trainee React JS** role (Jul 2021).
- Implemented modular component architectures and optimized application state management for reliability.

SoftThree

Jr. Software Engineer (Promoted from Intern)

Karachi, Pakistan

Oct. 2020 – July 2021

- Engineered frontend structures for SaaS platforms and apprenticeship modules using React.js and Angular.
- Earned a promotion to **Jr. Software Engineer** (Jan 2021) within 4 months of an initial internship.

KEY PROJECTS

Pumpkin.fun | Solana Web3.js, Next.js, Tailwind CSS

Feb. 2025 – Present

- Architected a Solana-based token platform featuring instant deployment via smart contract integration.
- Integrated Solana wallet adapters and managed on-chain state for sub-second UI transaction updates.

Zeroliquid Ecosystem | Ethereum, Next.js, Ethers.js, The Graph

Apr. 2023 – Feb. 2025

- Developed the frontend for an **Ethereum-based** self-repaying loan protocol and its integrated DEX aggregator (**ZeroSwap**).
- Implemented a multi-chain swapping interface with real-time price impact and slippage calculations.
- Leveraged GraphQL subgraphs to track and display real-time loan-to-value (LTV) ratios and protocol analytics.

MS Thesis: Educational Data Mining | Python, Scikit-learn, Pandas

Jan. 2025 – Dec 2025

- Analyzing student performance prediction models using machine learning to identify academic success indicators.
- Developing data pipelines to analyze pattern recognition in educational datasets and optimize learning outcomes.

Pixtool (SaaS Platform) | React.js, SCSS, Gulp

Jan. 2021 – July 2021

- Designed and built a custom-coded UI for an online video editing and stage simulation tool with high responsiveness.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, HTML/CSS, SCSS, SQL

Frameworks: React.js, Next.js, Vue.js, Nuxt.js, Node.js, Redux, Tailwind CSS, Bootstrap

Web3/Tools: Ethers.js, Solana Web3.js, The Graph (GraphQL), REST APIs, Git, Apollo Client, Gulp

Design: Adobe Photoshop, Adobe Illustrator, Canvas